Title (en)

SELF-COMPENSATING BED SCALE SYSTEM FOR REMOVABLE COMPONENTS

Title (de)

SELBSTKOMPENSIERENDES BETTWAAGENSYSTEM FÜR LÖSBARE KOMPONENTEN

Title (fr)

SYSTÈME DE PESER DE LIT À AUTO-COMPENSATION POUR COMPOSANTS AMOVIBLES

Publication

EP 3087963 B1 20180912 (EN)

Application

EP 16167021 A 20160426

Priority

US 201562153128 P 20150427

Abstract (en)

[origin: EP3087963A1] A patient support apparatus includes detectors and a controller operable to automatically update a tare weight for use in determining a true patient weight. The detectors are configured to produce signals indicating a presence or absence of a corresponding removable component. The controller is configured to determine weights of each and every removable component on the patient support apparatus and store each weight in a memory. The controller is further configured to receive the signals produced by the detectors and detect any addition or removal of removable components of the patient support apparatus, update the tare weight, and determine a weight of a patient being supported on the patient support apparatus.

IPC 8 full level

A61G 7/002 (2006.01); **A61G 7/018** (2006.01); **A61G 7/05** (2006.01)

CPC (source: EP US)

A61B 5/1115 (2013.01 - US); **A61B 5/6892** (2013.01 - US); **A61B 5/7278** (2013.01 - US); **A61B 5/742** (2013.01 - US); **A61B 5/7475** (2013.01 - US); **A61G 7/002** (2013.01 - EP US); **A61G 7/018** (2013.01 - EP US); **A61G 7/05** (2013.01 - US); **A61G 7/0506** (2013.01 - EP US); **A61G 7/0507** (2013.01 - EP US); **A61G 7/0527** (2016.10 - EP US); **A61G 9/006** (2013.01 - US); **G01G 19/44** (2013.01 - US); **G01G 19/52** (2013.01 - US); **G01G 23/14** (2013.01 - US); A61B 2562/0252 (2013.01 - US); A61G 2203/44 (2013.01 - US); A61M 2209/08 (2013.01 - US)

Cited by

US10489661B1; US10600204B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3087963 A1 20161102; **EP 3087963 B1 20180912**; US 10045715 B2 20180814; US 10660544 B2 20200526; US 2016310045 A1 20161027; US 2018333082 A1 20181122

DOCDB simple family (application)

EP 16167021 A 20160426; US 201615137306 A 20160425; US 201816046046 A 20180726